N O V E M B E R

at the

CALIFORNIA ACADEMY OF SCIENCES

NOVEMBER MEETING
Date: Friday, November 24, 8:15 p.m.
Place: Morrison Auditorium
Speaker: Fran William Hall
Subject: "Puerto Rico, U.S.A."

From the floor of the sparkling turquoise Caribbean to the verdant mansions of mountain-top rain forests, Puerto Rico is a land of extreme contrasts. In this Audubon Screen Tour, Mr. Hall follows in the footsteps of Ponce de Leon and Captain Kidd, discovering no pirate treasure but a bounty of wildlife. Among the coral reefs he found barracuda and sea urchins; along the shore, giant iguana lizards, hermit crabs, tropical birds; and on the beach, he recorded the antics of strange insects.

The November lecture is made possible by the Walter B. Scaife Foundation. (Members only)

MORRISON PLANETARIUM

"SIGNALS FROM SPACE" begins October 31 and extends through December 3. There are surprises galore when the radio telescope, a new instrument in the study of astronomy, is directed toward the heavens. Adults, 75¢, Juniors, 40¢.

Performances:

Monday	Closed
Tuesday	3:30 p.m. only
Wednesday, Thursday, Friday	3:30 & 8:30 p.m.
Saturday, Sunday	2:00, 3:30 & 8:30 p.m.

"EXHIBIT OF THE MONTH"

Beginning this month, the Department of Exhibits will present an "Exhibit of the Month" featuring new accessions, items of topical or seasonal interest, or material already available at the Academy but for which no regular display space is available.

November's special item is a collection of dinosaur gizzard stones (gastroliths) collected and loaned to the Academy by Dr. A. W. Ward of San Francisco. The exhibit is in the Main Foyer of the Science Museum.

"SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4

Nov. 6: "REPORTING SATELLITES", with Guest Scientist Dr. Walter La Berge, Philco Corporation.

Nov. 13: "ELECTRICITY FROM HEAT", with Dr. Theodore Merkle, Lawrence Radiation Laboratory.

Nov. 20: "SURGERY FOR STROKES", with Glen O. Cross, M.D., University of California.

Nov. 27: "EXPLORING THE DEEP", with Dr. Andreas Rechnitzer and Lt. Don Walsh, U.S. Navy Electronics Laboratory.

NEWS and NOTES . . . . . .

The Academy's Board of Trustees has announced the election of the following persons as Fellows of the California Academy of Sciences: Dr. Donald T. Abbott, Mr. Paul H. Arnaud, Dr. Joshua L. Baily, Jr., Dr. Richard E. Blackwelder, Dr. Robert I. Bowman, Dr. Walter C. Brown, Mr. C. M. Cross, Dr. Paul Ehrlich, Mr. Alan J. Galloway, Mr. John W. Green, Dr. Joseph T. Gregory, Dr. Edwin L. Hamilton, Dr. Cadet Hand, Dr. Richard W. Holm, Dr. Paul D. Hurd, Jr., Dr. Elinora B. Knopf, Dr. Adolph Knopf, Dr. Alan E. Leviton, Dr. George E. Lindsay, Dr. Donald B. MacIntire, Mr. F. S. MacNeil, Dr. H. W. Menard, Dr. Malcolm Miller, Dr. Milton Miller, Dr. Frank E. Pitelka, Dr. Thomas C. Poulter, Dr. Charles M. Rick, Dr. Robert C. Stebbins and Dr. John Thomas.

On Thursday, October 5, the California Botanical Club held its 70th Annual Meeting in the Livermore Room at the Academy. The first meeting was held March 7, 1891 in the herbarium when the Academy was located on Market Street. Presiding over the initial meeting was Dr. H. W. Harkness, then President of the Academy. In attendance was Mrs. Katharine Brandegee, at that time Curator of Botany.

W. I. Follett, Curator of Ichthyology, in company with Professor Seth B. Benson of the University of California, recently spent a week on the Colorado River in Arizona in quest of specimens of the peculiar native fishes which are rapidly being exterminated by the introduced predators and the abnormal conditions resulting from the installation of dams. Mr. Follett obtained important additions to the Department's burgeoning collection of osteological material.

Dr. Alan E. Leviton of the Department of Herpetology and Dr. George S. Myers, Research Associate in the Department and a Professor of Biology at Stanford University, have been the recipients of a National Science Foundation grant in the amount of $4,700.00. This will enable them to pursue a project of microelectrophoresis analysis of serum proteins in amphibians over the course of the next year.

A CHRISTMAS REMINDER

The sales desks at the Academy have a wonderful selection of books which would make ideal gifts for that science or natural history-minded relative or friend. There are also many other gift items to brighten the holiday season -- all at our member's discount. Help yourself and help the Academy!

Three new faces now enhance the J. W. Mailliard, Jr., Library. Mrs. Lillian Dempster, formerly Associate Curator in the Department of Ichthyology, has been appointed Associate Librarian; Miss Margaret Cairns, recently Head Cataloger of the Georgetown University Library in Washington, D.C., has joined the Academy staff in a similar capacity; and Mrs. James Campbell of Oakland has volunteered her services for work on the extensive manuscript collection. Her first project is the Alice Eastwood papers. Mrs. Campbell was formerly with the American Geographical Society of New York.

Under the sponsorship of the California Botanical Society, Dr. Hui-Lin Li of the Morris Arboretum at the University of Pennsylvania will present an illustrated lecture, Thursday evening, November 16, in Morrison Auditorium at 8:00, entitled "The Morris Arboretum and Its Collection of Woody Plants". The public is cordially invited.

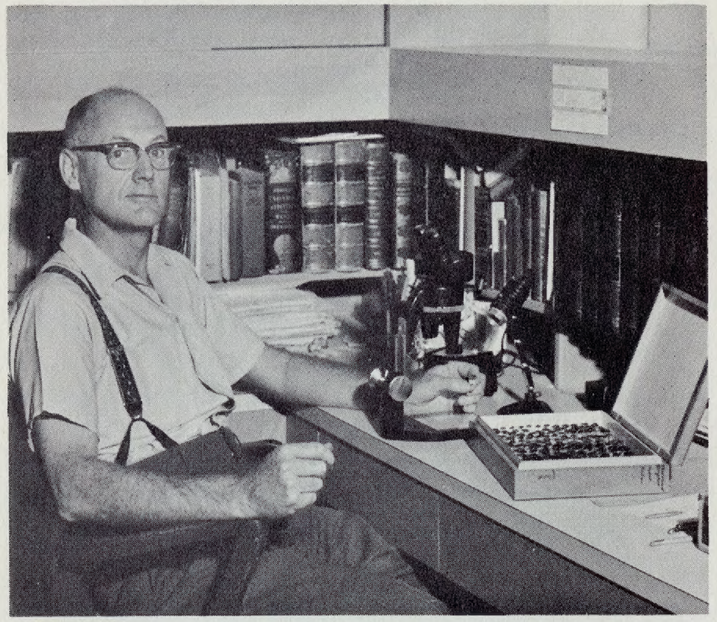
Dr. Li is the author of "The Garden Plants of China" recently published by the Roland Press.

The November meeting of the Astronomy Section is scheduled for Wednesday evening, November 29, at 7:30 p.m. in Morrison Auditorium.

Dr. Joshua L. Baily, Jr. of the San Diego Society of Natural History spent a week at the Academy in the Department of Geology studying its collections and library.

Construction on three tiltmeters for the California State Department of Water Resources has been completed in the Academy's Instrument Shop. These highly sensitive instruments are designed for measuring the tilt of the earth's surface wherever they may be installed. The original specifications and design were made by the U. S. Geological Survey in Hawaii in order to gain further information about the land surrounding active volcanoes.

Meet the Staff



HUGH B. LEECH, Associate Curator in the Department of Entomology, has devoted the major share of his scientific life to the study of Coleoptera (beetles). His first assignment at the Academy back in 1947 was to be in charge of the beetle collections and he has been involved in their accumulation and arrangement since.

Born in Kamloops, British Columbia, Hugh received his B. S. A. degree at the University of British Columbia at Vancouver. Later, he came to the United States and the University of California at Berkeley where he received his Master's in 1938. He returned to Canada and was again employed as a forest entomologist with the Canadian Department of Agriculture until 1947 when he joined the Academy staff. In 1948, the Academy published his "Coleoptera: Haliplidae, Dytiscidae, Gyrinidae, Hydrophilidae, Limnebiidae" of Lower California. Currently, he is working on a supplement which will be based on material collected on one of the Belvedere Scientific Expeditions to Baja California.

Collecting is both his vocation and hobby. His vacations and field trips have found him in remote areas from Mexico to Canada, hiking, mountain climbing, fishing, but he always returns to the Academy with bountiful specimens collected during these supposed holidays.

Mr. Leech is the father of four children, one of whom has already demonstrated an unusual scientific interest not dissimilar to his father's. Robin, a son, has already been on scientific expeditions to Africa, Antarctica and Laos.

Hugh is an inveterate reader, enjoys gardening (if it involves vegetables), and continues the stamp collecting which began as a small child. He is particularly interested in Chinese stamps. His principle ambition: to visit the major museums of the world and specifically the Museum of Comparative Zoology at Harvard and the British Museum in London, to study the various types of Coleoptera found there.

NEW MEMBERS OF THE ACADEMY

Regular Membership

Mrs. John W. Bender
Miss Patricia J. Bernard
Mr. William Bernstein
Miss Lenore M. Bravo
Miss Marie A. Carley
Mr. Francis N. Clemens
Mr. Richard C. Frey
Mr. Bruce Graham
Miss Helen Gushta
Miss Carlyn Halde
Mr. Mike Jameyson
Mr. Richard Lamb
Mr. James A. McVey
Mr. Earl E. Morgan
Miss Florence Plymell
Dr. Jean Scholler
Mr. William M. Shepherd
Mr. Stephen K. Stocking
Mr. Richard E. Thoms
Mr. Frank L. Walrath
Mr. Sherman S. Welpton, III
Miss Georgie White
Mrs. Yvonne Wynzor

Family Membership

Mr. Ron Arens
Mr. James W. Benson, Jr.
Mr. Robert E. Bradley
Miss Donna A. Carlson
Mr. & Mrs. R. B. Cassidy
Mr. David Cavangnaro
Mr. John Csongradi
Mr. Joseph I. Goldstein
Mr. David Guidici
Mr. George H. Hare
Mr. James W. Hartley
Mr. Al Hartman
Mr. Charles K. Holloway
Mr. Robert Jacobsen
Mr. James Kunselman
Mr. Kelly MacDonald
Miss Colette Mercier
Mr. John Rappe
Mr. Burton L. Rockwell
Mr. & Mrs. James B. Smith
Mr. Michael C. Smith

Contributing Membership

Mr. John L. Simpson

Student Membership

Rod Baird
Peter Harbach
Norris Machie
George Morency

THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

Open every day of the year
10:00 a.m. to 5:00 p.m. Admission Free

G
Ref.
Q 11
.C22
no. 263
NON-PROFIT ORGANIZATION
U.S. POSTAGE
PAID
SAN FRANCISCO, CALIF.
PERMIT NO. 7544
CALIFORNIA ACADEMY OF SCIENCES LIBRARY
NOV 2 1961

Academy NEWSLETTER

Published Monthly by
THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

No. 263 November, 1961